ABSTRACT

A home agent provides mobility transparent communications to a mobile node temporarily connected to a second network as a mobile destination different from a first network normally utilized. The home agent includes a module receiving a new registration request from the mobile node via the second network, a module detecting, when receiving the new registration request, that lease addresses of a DHCP server and addresses pooled beforehand are all occupied, and a module searching for, when detecting that all the addresses are occupied, an address on the basis of self-managed information and allocating the searched address to the mobile node.